

## Groundwater Statistics Tool

### Site & Summary Statistics for Normal Data Sets with Normal Residuals

#### General Information

|                                 |                    |
|---------------------------------|--------------------|
| Analyst                         | GEM                |
| Date of Evaluation              | 7/21/2021          |
| Site Name                       | NOVA               |
| Operable Unit                   | Raccoon Creek Area |
| Type of Evaluation              | Attainment         |
| Well Name/Number                | MW501S             |
| Chemical of Concern             | benzene            |
| Concentration Units             | mg/L               |
| Cleanup Level                   | 0.005              |
| Source of Cleanup Level         | MCL                |
| Confidence Level                | 95%                |
| Risk of False Outlier Rejection | 1%                 |
| Number of Results               | 8                  |
| Outliers present?               | No                 |
| Number of Non-Detects           | 0                  |

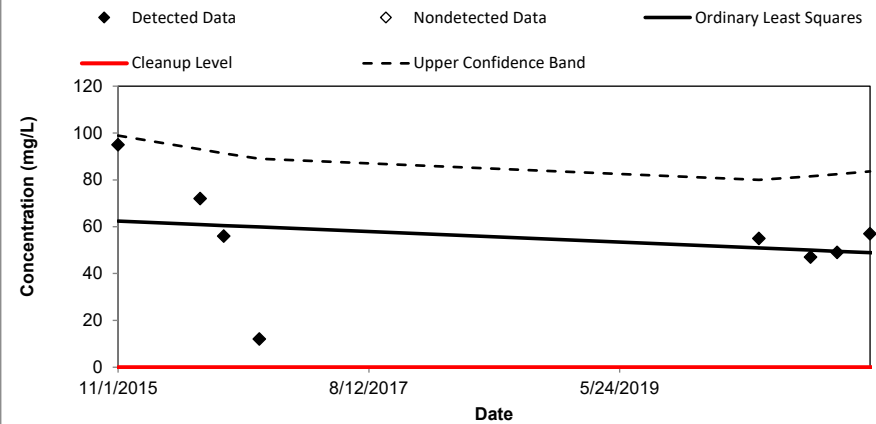
#### Trend Analysis

|  |                        |
|--|------------------------|
| Trend Type   | Normal                 |
| Method   | Ordinary Least Squares |
| Is the Upper Confidence Band above the cleanup level?        | NA                     |
| Slope  | -0.00694               |
| Intercept  | 356                    |
| R <sup>2</sup>   | 0.0660                 |
| Test Result  | No trend               |
| When concentration is predicted to achieve the cleanup level | 6/12/2040              |
| When concentration is predicted to exceed the cleanup level  | NA                     |

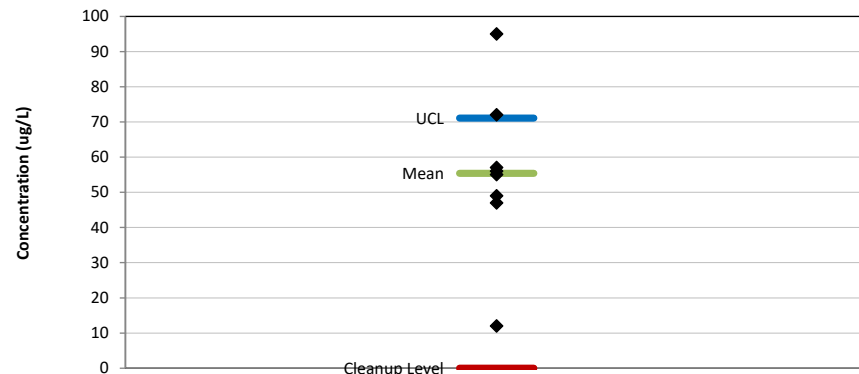
#### UCL Analysis

|  |                 |
|--|-----------------|
| Distribution Type                              | Normal          |
| Test   | Student's t UCL |
| Mean   | 55.4            |
| 95% UCL  | 71.1            |
| Is the 95% UCL greater than the cleanup level? | Yes             |

### Trend Line



### UCL for Normal Data Set



Previous Step: Trend Screen

Previous Step: UCL Screen

Restart: Data Input Screen